

OPINIONS AND DECLARATIONS RENDERED BY THE INTER- NATIONAL COMMISSION ON ZOOLOGICAL NOMENCLATURE

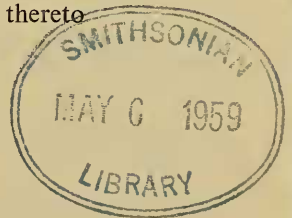
Edited by

FRANCIS HEMMING, C.M.G., C.B.E.

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OPINION 550

Suppression under the Plenary Powers of the generic name *Taeniorhynchus* Lynch-Arribálzaga, 1891, for the purpose of protecting the generic name *Mansonia* Blanchard, 1901 (Class Insecta, Order Diptera) and matters relating to other names in the same Class and in the Class Aves incidental thereto



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INTERNATIONAL COMMISSION ON ZOOLOGICAL NOMENCLATURE

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OPINION 550

SUPPRESSION UNDER THE PLENARY POWERS OF THE GENERIC NAME "TAENIORHYNCHUS" LYNCH-ARRIBÁLZAGA, 1891, FOR THE PURPOSE OF PROTECTING THE GENERIC NAME "MANSONIA" BLANCHARD, 1901 (CLASS INSECTA, ORDER DIPTERA) AND MATTERS RELATING TO OTHER NAMES IN THE SAME CLASS AND IN THE CLASS AVES INCIDENTAL THERETO

RULING :—(1) Under the Plenary Powers the generic name *Taeniorhynchus* Lynch-Arribálzaga, 1891 (Class Insecta, Order Diptera), is hereby suppressed for the purposes of the Law of Priority but not for those of the Law of Homonymy.

(2) The under-mentioned generic names are hereby placed on the *Official List of Generic Names in Zoology* with the Name Numbers severally specified below :—

(a) *Mansonia* Blanchard, 1901 (gender : feminine) (type species, by selection by Neveu-Lemaire (1902) : *Culex titillans* Walker, 1848) (Class Insecta, Order Diptera) (Name No. 1342) ;

(b) *Boissonneaua* Reichenbach, [March 1854] (gender : feminine) (type species, by monotypy : *Trochilus flavescens* Loddiges, 1832) (Class Aves) (Name No. 1343).

(3) The under-mentioned specific names are hereby placed on the *Official List of Specific Names in Zoology* with the Name Numbers severally specified below :—

(a) *titillans* Walker, 1848, as published in the combination *Culex titillans* (specific name of type species of *Mansonia* Blanchard, 1901) (Class Insecta, Order Diptera) (Name No. 1619) ;

(b) *taeniorhynchus* Wiedemann, 1821, as published in the combination *Culex taeniorhynchus* (Class Insecta, Order Diptera) (Name No. 1620) ;

(c) *flavescens* Loddiges, 1832, as published in the combination *Trochilus flavescens* (specific name of type species of *Boissonneaua* Reichenbach, [March 1854]) (Class Aves) (Name No. 1621).

(4) The under-mentioned generic names are hereby placed on the *Official Index of Rejected and Invalid Generic Names in Zoology* with the Name Numbers severally specified below :—

(a) *Taeniorhynchus* Lynch-Arribálzaga, 1891, as suppressed under the Plenary Powers in (1) above (Class Insecta, Order Diptera) (Name No. 1256) ;

(b) *Panoplites* Gould, [October 1854] (a junior objective synonym of *Boissonneaua* Reichenbach, [March 1854]) (Class Aves) (Name No. 1257) ;

(c) *Panoplites* Blanchard, 1901 (a junior homonym of *Panoplites* Gould, [1854]) (Class Insecta, Order Diptera) (Name No. 1258) ;

(d) *Panoplites* Reichensperger, 1923 (a junior homonym of *Panoplites* Gould, [1854]) (Class Insecta, Order Coleoptera) (Name No. 1259) ;

- (e) *Boissonneauana* Giebel, 1877 (an Invalid Emendation of *Boissonneaua* Reichenbach, [March 1854]) (Class Aves) (Name No. 1260) ;
- (f) *Boissonneauxia* Simon, 1897 (an Invalid Emendation of *Boissonneaua* Reichenbach, [March 1854]) (Class Aves) (Name No. 1261).

I. THE STATEMENT OF THE CASE

On 20th December 1956, Dr. Alan Stone (*U.S. Department of Agriculture, Agricultural Research Service, Entomology Research Branch, Washington, D.C., U.S.A.*) addressed a letter to the Office of the Commission with which he enclosed the draft of an application proposed to be submitted jointly by himself and Dr. Kenneth L. Knight (*Bureau of Medicine and Surgery, Department of the Navy, Washington, D.C., U.S.A.*), in which the Commission would be asked to use its Plenary Powers to protect the well-known generic name *Mansonia* Blanchard, 1901 (Class Insecta, Order Diptera). A few points of a procedural character were found to arise in this case but these were quickly disposed of, with the result that by 30th January 1957 all matters relating to the entomological problem involved had been cleared up and on that day the following application was submitted to the Commission jointly by Dr. Stone and Dr. Knight :-

**Proposed suppression under the Plenary Powers of the generic name
"Taeniorhynchus" Lynch-Arribálzaga, 1891, and proposed
addition to the "Official List of Generic Names in
Zoology" of the generic name "Mansonia"
Blanchard, 1901 (Class Insecta, Order Diptera)**

By ALAN STONE

(*Entomology Research Branch, U.S. Department of Agriculture,
Washington, D.C., U.S.A.*)

and

KENNETH L. KNIGHT

(*Bureau of Medicine and Surgery, Department of the Navy,
Washington, D.C., U.S.A.*)

The purpose of the present application is to ask the International Commission on Zoological Nomenclature to use its Plenary Powers to suppress the generic name *Taeniorhynchus* Lynch-Arribálzaga, 1891 (Class Insecta, Order Diptera). This is considered necessary because the genus so named is widely regarded as having been based upon a misidentified type species, the species concerned being the type species of the widely recognised genus *Mansonia* Blanchard, 1901. The relevant facts are set out in the following paragraphs.

2. Lynch-Arribálzaga described the genus *Taeniorhynchus* in 1891 (*Rev. Mus. La Plata* 1 : 374, and 2 : 143), including in it *Culex taeniorhynchus* Wiedemann, *T. confinnis* [sic] n. sp., and *T. fasciolatus* n. sp. The first of these is currently placed in the genus *Aedes*, the second in the genus *Psorophora*, and the third in the genus *Mansonia* (or *Taeniorhynchus* of authors). While Lynch did not designate a type species, by tautonymy it is automatically *taeniorhynchus* Wiedemann or a species so determined. It is widely accepted that Lynch identified specimens of *Culex titillans* Walker as *Culex taeniorhynchus* Wiedemann, and that the generic name *Taeniorhynchus*

belongs to *titillans* and its relatives. Many have accepted *Culex titillans* Walker, 1848 (*List Dipt. Brit. Mus.* (1) : 5) as the type species of the genus while others adhered strictly to *Culex taeniorhynchus* Wiedemann, 1821 (*Dipt. exot.* : 43).

3. The generic name *Mansonia* was proposed by Blanchard in 1901 (*C.R. Soc. Biol.*, Paris 53 : 1046) as a replacement name for *Panoplites* Blanchard, 1901 (*J. trop. Med. Hyg.* 4 : 235 ; *id.*, 1901, *Mon. Culic.* 2 : 173) which is invalid as a junior homonym of *Panoplites* Gould, [1854] (*Mon. Trochilidae* 2 : pl. 110, 112) in the Class Aves. *Culex titillans* Walker, *C. annulipes* Walker, and five new species were originally included in *Panoplites*. *Taeniorhynchus taeniorhynchus* Lynch was given as a synonym of *Panoplites titillans* (Walker). Neveu-Lemaire (1902, *Mém. Soc. zool. France* 15 : 214) designated "*Mansonia titillans* (Walker)" as type.

4. There are, then, the genera *Taeniorhynchus* Lynch based on *Culex taeniorhynchus* Wiedemann or *Culex taeniorhynchus* Wiedemann of Lynch, the latter synonymous with *Culex titillans* Walker, and *Mansonia*, based upon *Culex titillans* Walker. The usage has been mixed and we present in an Annexe a table to show the usage of the names in the sense of *titillans* and its relatives since 1891. We do not claim this to include all the references to the names in the literature, but we do claim it to be a large and objective sample. We give only the authors for each year that used the names in the sense of the broad genus that now includes *titillans*, and do not attempt to show the number of times in any one year that any author used it. It should be noted that for a period Theobald used *Taeniorhynchus* based on *fasciolatus* which is in the subgenus *Rhynchotaenia* of "*Mansonia*" and that Edwards shifted from one name to the other on the erroneous belief that *Taeniorhynchus* was preoccupied by *Taeniarhynchus*. The name *Taeniorhynchus* has also been used to apply to a group of *Aedes* (see paragraph 5 below) and a number of species of the genus *Culex* were placed in the genus also. A few species of *Orthopodomyia* were also placed in *Mansonia* first. None of these erroneous placements is included in the list given in the Annexe.

5. As mentioned in paragraph 4, certain authors have used the name *Taeniorhynchus* to apply strictly to *Culex taeniorhynchus* Wiedemann and its relatives, and if most mosquito workers did not consider this to fall into the subgenus *Ochlerotatus* of *Aedes* as a synonym, the usage would undoubtedly be more common. Some authors who have used the name in this sense are : Dyar, 1918, 1920, 1921, 1922, 1923, 1925 ; Hearle, 1926 ; Dyar, 1928 ; Kumm, 1931 ; Shannon, 1931 ; Aguilar, 1931 ; Ross, 1947. The name *Culicelsa* Felt, 1904, is also based on *Culex taeniorhynchus* Wiedemann and is therefore available if this taxon needs to be named.

6. So far as we are aware, neither the generic name *Taeniorhynchus* Lynch-Arribáizaga, 1891, nor the name *Mansonia* Blanchard, 1901, has been taken as the base for a family-group name. Accordingly, no problem under this head arises in connection with the present case.

7. Because the name *Taeniorhynchus* Lynch-Arribáizaga is considered to be based upon a misidentified species and has been applied to two different taxa depending upon the principle followed in dealing with such names, and since the name *Mansonia* Blanchard has been used wholly for one currently

recognized genus, with the exception of a few early, misplaced species, we request the International Commission on Zoological Nomenclature :—

- (1) to use its Plenary Powers to suppress the generic name *Taeniorhynchus* Lynch-Arribálzaga, 1891, for the purposes of the Law of Priority but not for those of the Law of Homonymy ;
- (2) to place the under-mentioned generic name on the *Official List of Generic Names in Zoology* :—
Mansonia Blanchard, 1901 (gender : feminine) (type species, by selection by Neveu-Lemaire (1902) : *Culex titillans* Walker, 1848) ;
- (3) to place the under-mentioned specific names on the *Official List of Specific Names in Zoology* :—
 (a) *titillans* Walker, 1848, as published in the combination *Culex titillans* (specific name of type species of *Mansonia* Blanchard, 1901) ;
 (b) *taeniorhynchus* Wiedemann, 1821, as published in the combination *Culex taeniorhynchus* ;
- (4) to place the under-mentioned generic names on the *Official Index of Rejected and Invalid Generic Names in Zoology* :—
 (a) *Taeniorhynchus* Lynch-Arribálzaga, 1891, as suppressed under the Plenary Powers in (1) above ;
 (b) *Panoplites* Blanchard, 1901 (a junior homonym of *Panoplites* Gould, [1854]) ;
 (c) *Panoplites* Reichensperger, 1923 (*Mitt. schweiz. ent. Ges.* 13 : 321) (a junior homonym of *Panoplites* Gould, [1854]).

ANNEXE

Particulars of authors using the generic names “ *Taeniorhynchus* ” Lynch-Arribálzaga, 1891, and “ *Mansonia* ” Blanchard, 1901, respectively in the sense of “ *Culex titillans* ” Walker, 1848, and Relatives

Year	<i>Taeniorhynchus</i>	<i>Mansonia</i>
1891	Lynch Arribálzaga	
1901	Theobald	Blanchard
1902	Giles ; Kertész ; Neveu-Lemaire	Neveu-Lemaire
1903	Becker ; Neveu-Lemaire ; Theobald	Laveran ; Ludlow ; Theobald
1904	Bourroul ; Coquillett ; Felt ; Giles ; Theobald	Bourroul ; Theobald
1905	Aldrich ; Blanchard ; Dyar ; Felt ; Goeldi ; Theobald	Aldrich ; Blanchard ; Goeldi ; Gruenberg ; Theobald
1906	Aiken and Rowland ; Coquillett ; Dyar and Knab ; Neveu-Lemaire	Aiken and Rowland ; De Meijere ; Neveu-Lemaire ; Theobald
1907	Autran ; Chagas ; Dyar and Knab ; Mitchell	Autran

1908	Bancroft ; Peryassú ; Theobald ; Williston	Bancroft ; Banks ; Dyar and Knab ; Leicester ; Peryassú ; Theobald ; Williston
1909	Ludlow	Knab ; Pazos
1910	Theobald	Dyar and Knab ; Newstead and Thomas ; Theobald ; Thibault
1911	Edwards ; Theobald	Theobald
1912	Edwards ; Surcouf and Gonzalez-Rincones	Brèthes ; Surcouf and Gonzalez-Rincones
1913	Carter ; Edwards ; Theobald	Howard ; Dyar and Knab
1914	Brunetti ; Taylor	Brunetti ; Ludlow ; Pazos
1915	Edwards	Howard ; Dyar and Knab
1916	Brèthes	Dyar and Knab ; Howard
1917	Edwards	Howard ; Dyar and Knab
1918		Dunn ; Dyar
1919		Dyar ; Edwards
1920	Brunetti ; Edwards ; Séguy ; Wesenburg-Lund	Dyar ; Martini
1921	Dyar ; Edwards	Bonne-Wepster and Bonne ; Dyar
1922	Edwards ; Macfie and Ingram ; Peryassú	Dyar ; Matheson and Shannon
1923	Bonne-Wepster and Bonne ; Séguy	Dyar
1924	Edwards	Comstock ; Dyar and Shannon ; Nuñez-Tovar
1925	Bonne-Wepster and Bonne ; Johnson ; Petrocchi ; Séguy	Dyar ; Dyar and Shannon ; Edwards
1926	Edwards	Bequaert
1927	Barraud ; Brug ; Buxton ; Johnson ; Schingarew ; Stackelberg	Mackerras
1928	Barraud and Covell ; Edwards and Givens ; Leonard ; Lutz	Bedford ; Connal ; Dyar ; Edwards ; Lutz ; Shannon and Del Ponte
1929	Matheson	Hegner ; Root and Augustine ; Lima
1930	Bequaert ; Bonne-Wepster ; Borel ; Lima ; Schwetz	Chandler ; Edwards ; Martini ; Matheson ; Pinto ; Shute

- | | | |
|------|--|--|
| 1931 | Braga ; Curran ; Galliard ; Lima | Aguilar ; Edwards ; Headlee ;
Kumm ; Martini ; Prado ;
Shannon |
| 1932 | Bonne-Wepster ; Pinto | Brues and Melander ;
Edwards ; Gerry ; Kerr ;
Matheson ; Riley |
| 1933 | Shute | Barraud ; Davis ; Iyengar ;
Kerr |
| 1934 | Townsend | Barraud ; Cory <i>et al.</i> ; Curran ;
Edwards and James ; Lane ;
Li and Wu ; Mail ;
Matheson ; Peus ;
Rodenwaldt ; Shannon ;
Taylor |
| 1935 | Lima | Evans and Walker ; Li and
Wu ; Martini ; Pandazis |
| 1936 | Edwards ; Hopkins | Enderlein ; Galliard ;
Montschadsky ; Wolcott |
| 1937 | Owen ; Séguy | Bonne-Wepster ; Bonne-
Wepster and Bonne ; Bonne-
Wepster and Brug ; Lane
and Antunes ; Senevet ;
Stackelberg ; Tulloch |
| 1938 | Brimley ; Carbonell ; Marshall | Carbonell ; Feng |
| 1939 | Edwards ; Oldroyd and Smart ;
Graham ; Herms | Bonne-Wepster ; Bonne-
Wepster and Brug ;
Galliard ; Herms ; King ;
Bradley and McNeel ; Lane ;
Senevet and Abonnenc ;
Tulloch |
| 1940 | Netto | Kumm ; Komp and Ruiz ;
Lane and Coutinho ;
Menon ; Pandazis ; Vargas |
| 1941 | Edwards | Anduze ; Carpenter ; Reeves |
| 1942 | Oliveira | King ; Bradley and McNeel ;
Rozeboom |
| 1943 | Cerqueira ; Colas-Belcour ; Parr ;
Rebello and Carvalho ; Taylor | Freeborn and Brookman ;
Marcuzzi ; Paine ; Williams |
| 1944 | Barreto and Coutinho ; Callot
and Van Ty ; Cambournac ;
McClintock ; Taylor ;
Van Emden | Amos ; Bohls ; Dickinson ;
Farner ; Floch and
Abonnenc ; Knight ;
Knight, Bohart and
Bohart ; Matheson ; Rees ;
Tate and Gates ; Tokunaga |
| 1945 | Gillett | Baisas ; Bohart ;
Chamberlain and Duffy ;
Dodge ; Floch and
Abonnenc ; Headlee ;
Matheson |

1946	Frey ; Gillett ; Pereira	Bohart ; Bohart and Ingram ; Carpenter ; Middlekauff and Chamberlain ; Hsiao and Bohart ; Perry ; Pratt ; Proctor
1947	Lewis ; Mullin-Diaz	Amos ; Reid ; Ross
1948	Natvig ; Smart ; Wolfs	Bonne-Wepster ; Hill and Hill ; Knight and Chamberlain ; Lu and Chang ; Perez, V. ; Wolcott
1949	Gillett	Hewitt ; Kano and Hayashi ; Penn ; Perry ; Young
1950	Carter ; Mattingly	Eads ; Hennig ; La Casse and Yamaguti ; Kano and Hayashi ; Rempel ; Séguy
1951	Colyer and Hammond ; Doucet ; Haddow ; Wolfs	Darsie ; Freeborn and Bohart ; Lane ; Mihályi ; Soós and Sztankay ; Monchadsky ; Reid and Wilson ; Shogaki ; Yamaguti and La Casse
1952	Castro and Bressanello ; Hopkins	Carpenter ; Haggmann ; Jayewickreme and Niles ; Yamaguti
1953	Wanson	Bargren ; Brower ; Brown ; Haggmann ; Lane ; Pratt ; Rempel ; Stage ; Gjullin and Yates
1954	Aitken ; Asanuma and Nakagawa ; Bonne-Wepster ; De Meillon	Bidlingmayer ; Bohart ; Floch and Fauran ; Mackie ; Hunter and Worth ; Piekarski ; Roy and Brown
1955	Muspratt ; Smith ; Van Someren ; Teesdale and Furlong	Carpenter and La Casse ; Horsfall ; Séguy
1956	Haddow	

2. Ornithological repercussions of the application submitted in the present case : In the course of the preliminary examination of the entomological case submitted by Dr. Stone and Dr. Knight it came to notice that the name *Mansonia* Blanchard which it was the object of Drs. Stone and Knight to protect had originally been published as a *nom. nov. pro* a name *Panoplites* previously proposed by the same author but later found by him to be invalid as a junior homonym of an identical name previously introduced by Gould as the name for a genus of birds. Under the standing rules of the Commission's procedure it thereupon became necessary to ask for the addition of the name *Panoplites* Blanchard to the *Official Index of Rejected and Invalid Generic Names in Zoology* and in addition, under the "Completeness-of-Opinions" Rule to investigate the status of the name *Panoplites* Gould in the Class Aves and to formulate proposals for the addition of that and other names involved to the appropriate *Official Lists* or *Official Indexes*. The bibliographical and other

problems involved were investigated in the Office of the Commission, and in addition valuable confirmatory information was provided by Dr. Stone. On the question of the procedure to be adopted for laying before the Commission the data so collected Dr. Stone felt that it would be out of place from the standpoint of Dr. Knight and himself to deal with these consequential problems of ornithological nomenclature in their own application to the Commission, the purpose of that paper being solely to secure the elucidation of a problem of entomological nomenclature. It was accordingly arranged between the Secretary and the applicants that the ornithological issues involved should be dealt with in a separate paper to be prepared by the Secretary and to be published simultaneously with the entomological paper submitted by Dr. Stone and Dr. Knight. The paper so prepared by the Secretary was submitted to the Commission on 7th March 1957. It was as follows:—

Report on the ornithological repercussions of the Stone/Knight proposal relating to the generic name "Mansonia" Blanchard, 1901 (Class Insecta, Order Diptera)

By FRANCIS HEMMING, C.M.G., C.B.E.

(*Secretary to the International Commission on Zoological Nomenclature*)

The purpose of the present Report is to place before the International Commission on Zoological Nomenclature the information needed to enable it to reach decisions on the ornithological implications of the proposal relating to the generic name *Mansonia* Blanchard, 1901 (Class Insecta, Order Diptera) submitted jointly by Dr. Alan Stone (*Entomology Research Branch, U.S. Department of Agriculture, Washington, D.C., U.S.A.*) and Dr. Kenneth L. Knight (*Bureau of Medicine and Surgery, Department of the Navy, Washington, D.C., U.S.A.*). The application submitted by these specialists, as supplemented by the present Report, will, it is hoped, put the Commission in a position to reach a decision in this case when the time comes for so doing at the expiry of the Prescribed Waiting Period following the publication of the above application. The subject-matter of the present Report has been investigated independently both by Dr. Stone in conjunction with his ornithological colleagues and by the Office of the Commission. In each case the results obtained have been the same, though on certain points of detail the latter investigations have supplemented the former.

2. As explained by Dr. Stone and Dr. Knight (paragraph 3 of their application), the generic name *Mansonia* Blanchard, 1901 (Class Insecta, Order Diptera), with which their application is primarily concerned, was published as a replacement name (*nom. nov.*) for the generic name for *Panoplites* Blanchard, 1901 (*J. trop. Med. Hyg.* 4 : 235 ; *id.*, 1901, *Mon. Culic.* 2 : 173), which is invalid as being a junior homonym of *Panoplites* Gould, [1854] (*Mon. Trochilidae* 2 : text to pls. 110–112) (Class Aves). Drs. Stone and Knight have recommended in their application (paragraph 7(4)(b)) that the invalid name *Panoplites* Blanchard in Insects be placed on the *Official Index of Rejected and Invalid Generic Names in Zoology*, but they have not examined in that paper the question whether any, if so, what, action should be taken in regard to the senior homonym *Panoplites* Gould in birds, that matter having by agreement been left for consideration in the present Report.

3. The generic name *Panoplites* Gould, [1854], was established without a designated or indicated type species and with three included nominal species, namely the species figured on Gould's plates 110, 111 and 112 respectively.

Of these the species figured on plate 111 was *Trochilus flavescens* Loddiges, 1832 (*Proc. Comm. Sci. zool. Soc. Lond.* 2(15) : 7). This was selected as the type species by Salvin in 1892 (*Cat. Birds Brit. Mus.* 16 : 372).

4. It is necessary at this point to take note of the nominal genus *Boissonneaua* Reichenbach, [1854] (*J. Orn.* 1 (Extraheft) (Aufz. Col.) : 4, 11), of which also *Trochilus flavescens* Loddiges is the type species—in this case by monotypy.

5. The generic names *Panoplites* Gould and *Boissonneaua* Reichenbach are thus objective synonyms of one another. Fortunately, the fact that both these names were published in 1854 does not give rise to doubt as to the relative priority to be accorded, for this matter was investigated by Salvin (1892) who established that *Boissonneaua* Reichenbach was published in March 1854 and that *Panoplites* Gould was not published until October 1854. This determination has been accepted by later ornithologists who have treated *Boissonneaua* Reichenbach as the valid name for this genus. This generic name should therefore now be placed on the *Official List* and *Panoplites* Gould, as an objectively invalid junior synonym, on the *Official Index*. At the same time the following Invalid Emendations of *Boissonneaua* Reichenbach should also be placed on the *Official Index* : (i) *Boissonneauana* Giebel, 1877 (*Thesaur. Orn.* 3 : 669–677) ; (ii) *Boissonneauxia* Simon, 1897 (*Cat. Troch.* : 29).

6. The nominal genus discussed above has not been taken as the basis for a nominal family-group taxon and accordingly no family-group-name problem arises in the present case.

7. It is recommended that, in order to complete on the ornithological side the application in regard to the Diptera names *Mansonia* Blanchard and *Panoplites* Blanchard submitted by Dr. Stone and Dr. Knight, the following action be taken by the International Commission when dealing with that application, namely, that it should :—

- (1) place the generic name *Boissonneaua* Reichenbach, [March 1854] (gender : feminine) (type species, by monotypy : *Trochilus flavescens* Loddiges, 1832) on the *Official List of Generic Names in Zoology* ;
- (2) place the under-mentioned specific name on the *Official List of Specific Names in Zoology* : *flavescens* Loddiges, 1832, as published in the combination *Trochilus flavescens* (specific name of type species of *Boissonneaua* Reichenbach, [March 1854]) ;
- (3) place the under-mentioned generic names on the *Official Index of Rejected and Invalid Generic Names in Zoology* :
 - (a) *Panoplites* Gould, [October 1854] (a junior objective synonym of *Boissonneaua* Reichenbach, [March 1854]) ;
 - (b) the under-mentioned Invalid Emendations of *Boissonneaua* Reichenbach, [March 1854] :—
 - (i) *Boissonneauana* Giebel, 1877 ;
 - (ii) *Boissonneauxia* Simon, 1897.

II. THE SUBSEQUENT HISTORY OF THE CASE

3. **Registration of the present application** : Upon the receipt in December 1956 of Dr. Alan Stone's first communication in regard to the problem arising in connection with the generic name *Mansonia* Blanchard, 1901 (Class Insecta,

Order Diptera), the issue involved was allotted the Registered Number Z.N.(S.) 1193. When later it was found that a quite independent problem in ornithological nomenclature was bound up with the foregoing case, it was judged convenient that these parallel problems should be dealt with under a single Registered Number, the Number Z.N.(S.) 1193 being therefore allotted also to the ornithological issues involved.

4. Publication of the present application : The entomological application submitted by Dr. Stone and Dr. Knight was sent to the printer on 2nd February 1957. The supplementary paper by the Secretary on the ornithological implications of the above application was not however completed until 7th March 1957, when it also was immediately sent to the printer. The two papers referred to above were published on 6th May 1957 in Part 5 of Volume 13 of the *Bulletin of Zoological Nomenclature* (Stone (A.) & Knight (K.L.), 1957, *Bull. zool. Nomencl.* **13** : 160-166 ; Hemming (F.), 1957, *ibid.* **13** : 167-168).

5. Issue of Public Notices : Under the revised procedure prescribed by the Thirteenth International Congress of Zoology, Paris, 1948 (1950, *Bull. zool. Nomencl.* **4** : 51-56), Public Notice of the possible use by the International Commission on Zoological Nomenclature of its Plenary Powers for the purpose of protecting the generic name *Mansonia* Blanchard (Class Insecta, Order Diptera) was given on 6th May 1957 (a) in Part 5 of Volume 13 of the *Bulletin of Zoological Nomenclature* (the Part in which was published the application on the above subject submitted by Dr. Stone and Dr. Knight and also Mr. Hemming's supplementary application on the ornithological issues involved) and (b) to the other prescribed serial publications. In addition, such Notice was given also to four general zoological serial publications and to seven specialist serials. The possible use of the Commission's Plenary Powers was not involved in the proposals submitted by Mr. Hemming and accordingly those proposals were not subject to the Public Notice Procedure. In practice, however, that Procedure was applied to those proposals by reason of the fact that they were published simultaneously with the Stone/Knight entomological proposals which were subject to the Public Notice Procedure which was applied in that case in the manner described above.

6. Support for the entomological proposals received from Harry D. Pratt : On 24th July 1958, Dr. Harry D. Pratt (*Chief, Insect & Rodent Control Training Section, Training Branch, Communicable Disease Center, Department of Health, Education and Welfare, Public Health Service, Atlanta, Georgia, U.S.A.*) addressed the following letter to the Office of the Commission in support of the problem of entomological nomenclature submitted by Dr. Stone and Dr. Knight (Pratt, 1957, *Bull. zool. Nomencl.* **13** : 279) :—

I have noticed a Nomenclature Notice in ' *Entomological News* ' regarding the generic name *Mansonia*. I have published two papers on this, and I sincerely hope that this generic name can be used instead of *Taeniorhynchus* which I believe is more correctly used as a sub-generic name in the genus *Aedes*.

Dr. Stone has ably summed up the arguments in favor of *Mansonia* in John Lane's " Neotropical Culicidae ", **2** : 590, 1953. I feel certain that most mosquito taxonomists in the United States would prefer to have the generic name *Mansonia* placed on the *Official List* instead of *Taeniorhynchus*.

7. No Objection Received : No objection either to the entomological, or to the ornithological, side of the present case was received from any source.

III. THE DECISION TAKEN BY THE INTERNATIONAL COMMISSION ON ZOOLOGICAL NOMENCLATURE

8. Issue of Voting Paper V.P.(57)66 : On 6th November 1957 a Voting Paper (V.P.(57)66) was issued in which the Members of the Commission were invited to vote either for, or against, " the proposal relating to the generic name *Mansonia* Blanchard, 1901 (Class Insecta, Order Diptera) and associated problems as set out in Points (1) to (4) in paragraph 7 on page 162 of Volume 13 of the *Bulletin of Zoological Nomenclature* [i.e. in the Points numbered as above in paragraph 7 of the paper reproduced in the first paragraph of the present *Opinion*] as supplemented by Points (1) to (3) in paragraph 7 on page 168 of the same Volume of the *Bulletin* " [i.e. in the Points so numbered in paragraph 7 of the paper reproduced in paragraph 2 of the present *Opinion*].

9. The Prescribed Voting Period : As the foregoing Voting Paper was issued under the Three-Month Rule, the Prescribed Voting Period closed on 6th February 1958.

10. Particulars of the Voting on Voting Paper V.P.(57)66 : At the close of the Prescribed Voting Period, the state of the voting on Voting Paper V.P.(57)66 was as follows :—

(a) *Affirmative Votes had been given by the following twenty-three (23) Commissioners (arranged in the order in which Votes were received) :*

Boschma ; Holthuis ; Lemche ; Hering ; Mayr ; Mertens ; Dymond ; Vokes ; Esaki ; Bradley (J.C.) ; Riley ; Prantl ; Bonnet ; do Amaral ; Miller ; Bodenheimer ; Hankó ; Hemming ; Stoll ; Key ; Kühnelt ; Tortonese ; Sylvester-Bradley ;

(b) *Negative Votes :*

None ;

(c) *Voting Papers not returned, two (2) :*

Cabrera ; Jaczewski.

11. Declaration of Result of Vote : On 7th February 1958, Mr. Hemming, Secretary to the International Commission, acting as Returning Officer for the Vote taken on Voting Paper V.P.(57)66, signed a Certificate that the Votes cast were as set out in paragraph 10 above and declaring that the proposal submitted in the foregoing Voting Paper had been duly adopted and that the decision so taken was the decision of the International Commission in the matter aforesaid.

12. Preparation of the Ruling given in the present " Opinion " : On 17th May 1958, Mr. Hemming prepared the Ruling given in the present *Opinion* and at the same time signed a Certificate that the terms of that Ruling were in complete accord with those of the proposal approved by the International Commission in its Vote on Voting Paper V.P.(57)66.

13. Original References for Generic and Specific Names : The following are the original references for the generic and specific names placed on *Official Lists* and *Official Indexes* by the Ruling given in the present *Opinion* :—

Boissonneaua Reichenbach, [March 1854], *J. Orn.* 1 (Extra-Heft) (Aufz. Col.) : 4, 11

Boissonneauana Giebel, 1877, *Thesaur. Orn.* 3 : 669–677

Boissonneauxia Simon, 1897, *Cat. Trochilidae* : 29

- flavescens*, *Trochilus*, Loddiges, 1832, *Proc. Comm. Sci. zool. Soc. Lond.* 2(15) : 7
- Mansonia* Blanchard, *C.R. Soc. Biol.*, Paris 53 : 1046
- Panoplites* Gould, [October 1854], *Mon. Trochilidae* 2 : text to pls. 110–112
- Panoplites* Blanchard, 1901, *J. trop. Med. Hyg.* 4 : 235 ; *id.*, 1901, *Mon. Culic.* 2 : 173
- Panoplites* Reichensperger, 1923, *Mitt. schweiz. ent. Ges.* 13 : 321
- Taeniorhynchus* Lynch-Arribálzaga, 1891, *Rev. Mus. La Plata* 1 : 374 ; 2 : 143
- taeniorhynchus*, *Culex*, Wiedemann, 1821, *Dipt. exot.* : 43
- titillans*, *Culex*, Walker, 1848, *List Dipt. Brit. Mus.* (1) : 5

14. Selection of a type species for a nominal genus : The following is the reference for the selection of a type species of a nominal genus specified in the Ruling given in the present *Opinion* :—

For *Mansonia* Blanchard, 1901 Neveu-Lemaire, 1902, *Mém. Soc.
zool. France* 15 : 214

15. Family-Group-Name Aspects : No family-group-name problem arises in the present case, for neither the genera in the Class Insecta (paragraph 6 of the paper reproduced in the first paragraph of the present *Opinion*) nor those in the Class Aves (paragraph 6 in the paper reproduced in paragraph 2 of the present *Opinion*) involved has been taken as the type genus of a nominal family-group taxon.

16. Compliance with Prescribed Procedures : The prescribed procedures were duly complied with by the International Commission on Zoological Nomenclature in dealing with the present case, and the present *Opinion* is accordingly hereby rendered in the name of the said International Commission by the undersigned Francis Hemming, Secretary to the International Commission on Zoological Nomenclature, in virtue of all and every the powers conferred upon him in that behalf.

17. "Opinion" Number : The present *Opinion* shall be known as *Opinion* Five Hundred and Fifty (550) of the International Commission on Zoological Nomenclature.

DONE in London, this Seventeenth day of May, Nineteen Hundred and Fifty-Eight.

*Secretary to the International Commission
on Zoological Nomenclature*

FRANCIS HEMMING